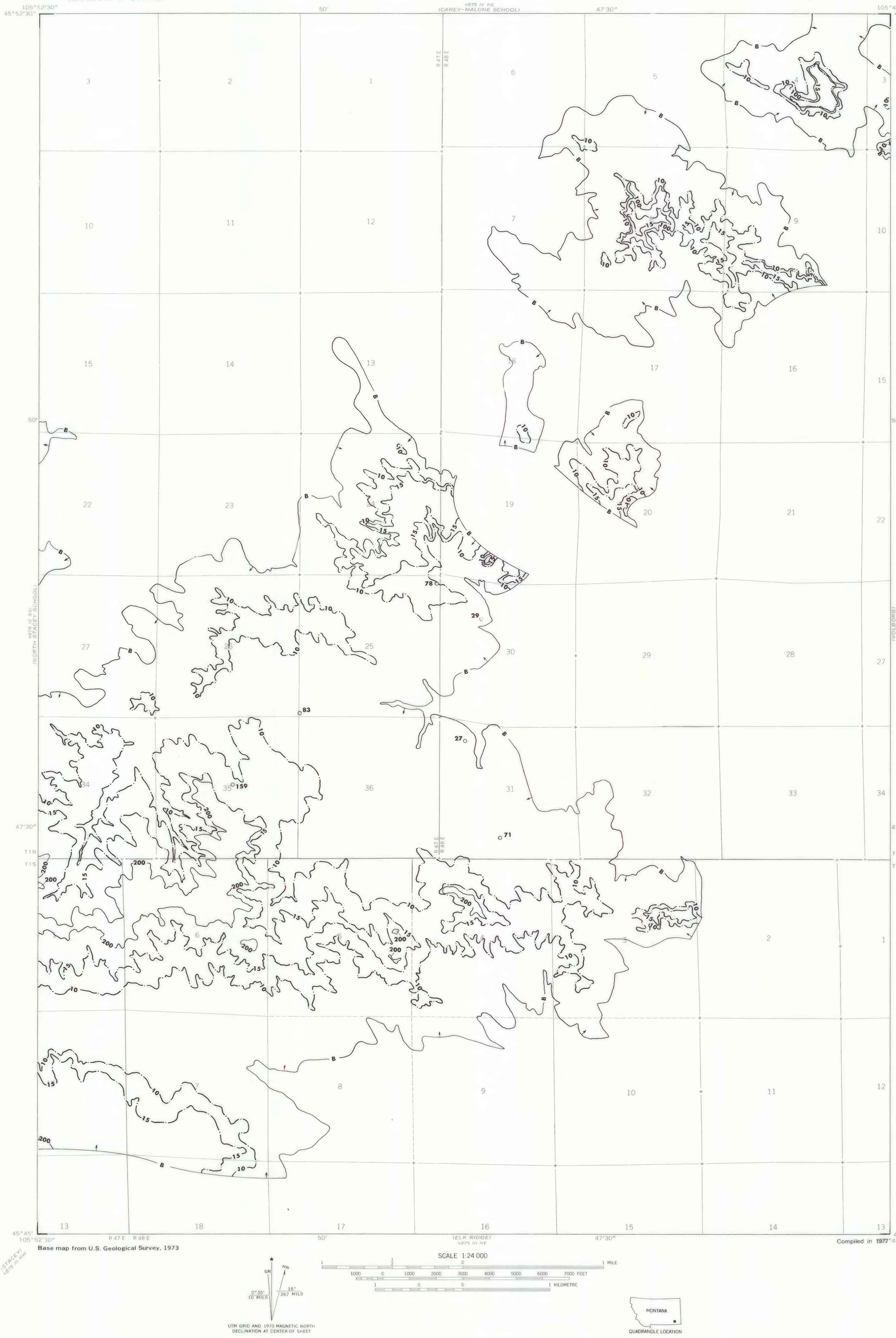
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOSTER CREEK SCHOOL QUADRANGLE
MONTANA
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-009
PLATE 8 OF 14

OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature



Base map from U.S. Geological Survey, 1973

Compiled in 1977

EXPLANATION

100

OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. The 100-foot and 200-foot isopachs are omitted where they are too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5).

B

BOUNDARY OF COAL 5 FEET OR MORE THICK—Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

83

DRILL HOLE—Showing thickness of overburden, in feet, from the surface to the top of the coal bed.

10

MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per short ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limits.

To convert feet to meters, multiply feet by 0.3048.

To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETRE

QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE FOSTER CREEK SCHOOL QUADRANGLE, CUSTER AND POWDER RIVER COUNTIES, MONTANA

BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE

1979

PLATE 8

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE FLOWERS-GOODALE COAL BED